

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	4	US-5803600-\$.DID. OR US-6082891-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/11/19 11:34
L7	0	"2002057627"	US-PGPUB; USPAT	OR	OFF	2010/11/19 11:35
L8	1	"20020057627"	US-PGPUB; USPAT	OR	OFF	2010/11/19 11:35
L9	5519924	"199" "27" "554"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/19 11:36
L10	2	"19927554"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/19 11:36
S1	1673152	micro\$6	US-PGPUB; USPAT	OR	OFF	2009/04/21 13:53
S2	13617	micromix\$4 or microflu\$4	US-PGPUB; USPAT	OR	OFF	2009/04/21 13:53
S3	2291554	layer\$1 or substrate\$1	US-PGPUB; USPAT	OR	OFF	2009/04/21 13:53
S4	660	"kiss cut"	US-PGPUB; USPAT	OR	OFF	2009/04/21 13:54
S5	34	S4 and S2	US-PGPUB; USPAT	OR	OFF	2009/04/21 13:54
S6	54	("4124478"   "4869849"   "5016707"   "5209906"   "5385712"   "5534328"   "5595712"   "5611214"   "5681484"   "5811062"   "5849208"   "6082185"   "6126804"   "6129973"   "6210514").PN. OR ("6494614").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/21 13:57

S7	141	("1662870"   "3701619"   "4053969"   "4222671"   "4365178"   "4383008"   "4390351"   "4534659"   "4573067"   "4869849"   "4894709"   "4908112"   "5177398"   "5209906"   "5214086"   "5234741"). PN. OR ("5534328"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/21 16:30
S8	2	((("6469147") or ("7135266")).PN.	US-PGPUB; USPAT	OR	OFF	2009/04/21 16:34
S9	5	("4268437"   "4920206"   "5534328"   "5560760"   "5811062").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/21 16:34
S10	5	(US-5534328-\$ or US- 6392007-\$ or US-4908112- \$ or US-4222671-\$ or US- 5016707-\$).did.	USPAT	OR	OFF	2009/04/22 09:26
S11	847	("1662870"   "2512471"   "2847196"   "2894732"   "3051452"   "3051453"   "3089683"   "3128794"   "3182965"   "3195865"   "3206170"   "3239197"   "3286992"   "3316064"   "3328003"   "3358749"   "3394924"   "3404869"   "3406947"   "3417967"   "3470912"   "3476521"   "3477504"   "3480596"   "3506244"   "3583678"   "3623704"   "3643927"   "3652061"   "3701619"   "3753661"   "3798152"   "3823457"   "3827676"   "3827888"   "3831904"   "3856270"   "3860217"   "3949970"   "4052146"   "4053969"   "4222671"   "4365178"   "4383008"   "4390351"   "4445569"   "4494171"   "4534659"   "4547071"   "4573067"   "4624305"   "4652757"   "4675300"   "4734263"   "4755590"   "4765780"   "4778659"   "4847051"   "4869849"   "4894709"   "4908112"   "4934454"   "4936380"   "5137369"   "5177398"   "5209906"   "5214086"   "5234741"   "5264282"   "5534328"   "5538700"   "5834089"   "5843385"   "5851562").	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/22 09:26

		PN. OR ("4222671"   "4908112"   "5016707"   "5534328"   "6392007"). URPN.				
S12	6	("4908112"   "5842787"   "5948684"   "6136272"   "6287520"   "6676835"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/22 09:30
S13	535722	stack or stacked	US-PGPUB; USPAT	OR	OFF	2009/04/22 09:51
S14	13617	micromix\$4 or microflu\$4	US-PGPUB; USPAT	OR	OFF	2009/04/22 09:51
S15	2291554	layer\$1 or substrate\$1	US-PGPUB; USPAT	OR	OFF	2009/04/22 09:51
S16	2660	S14 and S13 and S15	US-PGPUB; USPAT	OR	OFF	2009/04/22 09:51
S17	1466	S14 and S13 same S15	US-PGPUB; USPAT	OR	OFF	2009/04/22 09:52
S18	1466	S14 and (S13 same S15)	US-PGPUB; USPAT	OR	OFF	2009/04/22 09:52
S19	1017	S14 and (S13 near5 S15)	US-PGPUB; USPAT	OR	OFF	2009/04/22 09:52
S20	936	S14 and (S13 near4 S15)	US-PGPUB; USPAT	OR	OFF	2009/04/22 09:52
S21	882	S14 and (S13 near3 S15)	US-PGPUB; USPAT	OR	OFF	2009/04/22 09:52
S22	748	S14 and (S13 near2 S15)	US-PGPUB; USPAT	OR	OFF	2009/04/22 09:52
S23	571	S14 and (S13 near1 S15)	US-PGPUB; USPAT	OR	OFF	2009/04/22 09:52
S24	96	("3715192"   "3993566"   "4233029"   "4259233"   "4271119"   "4277966"   "4323069"   "4413407"   "4469601"   "4579555"   "4601861"   "4639748"   "4668558"   "4673657"   "4758481"   "4810381"   "4863121"   "4906439"   "4913858"   "4950549"   "4986496"   "5061029"   "5069403"   "5078925"   "5133516"   "5136678"   "5152060"   "5158557"   "5175030"   "5179005"   "5200248"   "5227008"   "5249359"   "5265184"   "5286362"   "5296375"   "5304487"   "5376252"   "5399486"   "5409666"   "5411480"   "5411858"   "5429807"   "5440332"   "5445934"   "5450235"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/22 10:01

		"5451504"   "5474796"   "5477239"   "5498392"   "5500071"   "5514120"   "5529676"   "5571410"   "5585186"   "5601678"   "5602202"   "5635358"   "5637469"   "5641400"   "5651888"   "5658413"   "5658802"   "5691846"   "5698299"   "5705813"   "5707799"   "5716778"   "5716825"   "5721435"   "5726026"   "5728446"   "5737457"   "5750015"   "5755942"   "5757482"   "5842787"   "5848769"   "5860626"   "5885470"   "5922615"   "5932315"   "5951836"   "5952173"   "5958782"   "6080243"   "6238538"   "6240790"   "6290685"   "6375871"   "6416642"   "6420622"   "6431695"   "6587197"   "6591852"   "6613560") ). PN.				
S25	9	("20020057627"   "20040027915"   "20060087917"   "3881701"   "5803600"   "5932100"   "5534328"   "6082891"   "6264900") ). PN.	US-PGPUB; USPAT	OR	OFF	2009/04/22 10:08
S46	60	(US-20050232818-\$ or US- 20070017633-\$ or US- 20020113009-\$ or US- 20060087917-\$ or US- 20040027915-\$ or US- 20020057627-\$).did. or (US-7241423-\$ or US- 5534328-\$ or US-6537506- \$ or US-6392007-\$ or US- 4908112-\$ or US-4222671- \$ or US-5016707-\$ or US- 7207345-\$ or US-7118910- \$ or US-7104312-\$ or US- 7223364-\$ or US-6494614- \$ or US-6388231-\$ or US- 7153421-\$ or US-7077152- \$ or US-7074327-\$ or US- 7010964-\$ or US-6981522- \$ or US-6976384-\$ or US- 6676835-\$ or US-5595712- \$ or US-5209906-\$ or US- 4869849-\$ or US-4124478- \$ or US-7361314-\$ or US- 7309389-\$).did. or (US-	US-PGPUB; USPAT	OR	OFF	2009/04/22 15:10

		6469147-\$ or US-7300635-\$ or US-7267779-\$ or US-7201883-\$ or US-7135266-\$ or US-7118711-\$ or US-6835242-\$ or US-6723138-\$ or US-6616859-\$ or US-6592696-\$ or US-6572830-\$ or US-6566519-\$ or US-6437104-\$ or US-6409072-\$ or US-5965237-\$ or US-5658537-\$ or US-3701619-\$ or US-1662870-\$ or US-6811695-\$ or US-7435381-\$ or US-7080937-\$ or US-6988534-\$ or US-6960235-\$ or US-5922615-\$ or US-5514120-\$ or US-6082891-\$ or US-5803600-\$).did. or (US-3881701-\$).did.				
S47	10	S46 and housing	US-PGPUB; USPAT	OR	OFF	2009/04/22 15:10
S48	3	("20040145967"   "5904424"   "7066641"). PN.	US-PGPUB; USPAT	OR	OFF	2009/12/08 11:58
S49	1	"10535262"	US-PGPUB; USPAT	OR	OFF	2009/12/08 11:59
S50	12	("6676835").URPN.	USPAT	OR	OFF	2009/12/08 12:08
S51	38	("2125245"   "3045984"   "3377139"   "3388868"   "3582048"   "3593964"   "4068830"   "4396529"). PN. OR ("4869849"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/08 12:14
S52	10	("3526391"   "4869849"   "4886369"   "5327941"   "5672821").PN. OR ("5887977").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/08 12:18
S53	13	("3979637"   "5534328"   "5595712"   "5846708"   "5858195"   "5863502"   "5867266"   "5872010"   "5872623"   "6143248"   "6191852"   "6210910"   "6485690").PN. OR ("7361314").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/08 12:30
S54	2033	slits same alternating	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/08 12:42
S55	2	S54 and "static mixer"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/08 12:42
S56	9836	slits same perpendicular	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/08 12:44

S57	12	slits same perpendicular and "static mixer"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/08 12:44
S58	22	slots same perpendicular and "static mixer"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/08 12:44
S59	45	slots same (alternate or alternating) and "static mixer"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/08 12:45
S60	11	slits same (alternate or alternating) and "static mixer"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/08 12:46
S61	27	groove same (alternate or alternating) and "static mixer"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/08 12:46
S62	476	366/340.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/08 12:47
S63	24	"4222671"	US-PGPUB; USPAT	OR	OFF	2009/12/22 09:06
S64	27	"4869849"	US-PGPUB; USPAT	OR	OFF	2009/12/22 09:45
S65	1	wo02/096543	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/22 09:49
S66	0	wo02096543	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/22 09:49
S67	4	"2002096543"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/22 09:50
S68	1	2003-059222.NRAN.	DERWENT	OR	OFF	2009/12/22 09:51
S69	3	"2002308886"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/22 09:52
S70	28	"4869849"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/22 10:05

S71	5	("20040145967"   "5904424"   "7066641").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/22 10:43
S72	1	("4869849").PN.	US-PGPUB; USPAT	OR	OFF	2010/03/03 10:13
S73	1	(10/535262).APP.	US-PGPUB; USPAT	OR	OFF	2010/03/03 10:38
S74	70	(US-20050232818-\$ or US-20070017633-\$ or US-20020113009-\$ or US-20060087917-\$ or US-20040027915-\$ or US-20020057627-\$ or US-20030152488-\$).did. or (US-6494614-\$ or US-6388231-\$ or US-7241423-\$ or US-7153421-\$ or US-7077152-\$ or US-7074327-\$ or US-7010964-\$ or US-6981522-\$ or US-6976384-\$ or US-6676835-\$ or US-5595712-\$ or US-5534328-\$ or US-5209906-\$ or US-4869849-\$ or US-4124478-\$ or US-7361314-\$ or US-7309389-\$ or US-6469147-\$ or US-7300635-\$ or US-7267779-\$ or US-7201883-\$ or US-7135266-\$ or US-7118711-\$ or US-6835242-\$ or US-6723138-\$ or US-6616859-\$).did. or (US-6592696-\$ or US-6572830-\$ or US-6566519-\$ or US-6537506-\$ or US-6437104-\$ or US-6409072-\$ or US-6392007-\$ or US-5965237-\$ or US-5658537-\$ or US-4908112-\$ or US-4222671-\$ or US-3701619-\$ or US-1662870-\$ or US-6811695-\$ or US-5016707-\$ or US-7435381-\$ or US-7207345-\$ or US-7118910-\$ or US-7104312-\$ or US-7080937-\$ or US-6988534-\$ or US-6960235-\$ or US-7223364-\$ or US-5922615-\$ or US-5514120-\$ or US-6082891-\$ or US-5803600-\$).did. or (US-3881701-\$ or US-7066641-\$ or US-5904424-\$ or US-5672821-\$ or US-	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2010/07/15 11:53

		5690763-\$ or US-5137369-\$ or US-6485690-\$) did. or (US-3377139-\$) did. or (WO-02096543-\$ or WO-9630113-\$) did.				
S75	14	("3979637"   "5534328"   "5595712"   "5846708"   "5858195"   "5863502"   "5867266"   "5872010"   "5872623"   "6143248"   "6191852"   "6210910"   "6485690").PN. OR ("7361314").URFN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/15 12:06
S76	21	("20020106311"   "20020125001"   "20020187090"   "20030027354"   "20030043544"   "20030062149"   "20030118486"   "20030173650"   "20040104010"   "20050087767"   "3847211"   "4343354"   "5000253"   "5388635"   "5482680"   "5595712"   "5915469"   "6101715"   "6537506"   "6637463"   "7361314").PN. OR ("7641865").URFN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/15 12:07
S77	34	("3701619").URFN.	USPAT	OR	OFF	2010/07/15 13:27
S78	0	("2006/0087917").URFN.	USPAT	OR	OFF	2010/07/15 13:32

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	397	366/340.ccls.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/11/19 09:46
L2	391	366/341.ccls.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/11/19 10:20
L3	110	366/dig.3.ccls.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/11/19 11:01
L4	3	("20020057627"   "5803600"   "6082891").PN.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/11/19 11:07



L6	0	"2002057627"	US-PGPUB; USPAT; UPAD	OR	OFF	2010/11/19 11:35
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**11/ 19/ 2010 12:27:40 PM**

**C:\ Documents and Settings\ tsoohoo\ My Documents\ EAST\ Workspaces\ EAST SEARCHES**

**\ Micromixers\ layers\ common inlet layer to plural slot layer.wsp**